

VIA eFILE

PATENT APPLICATION
Docket No. 17601.23a.1.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
	Ib Joergensen, et al.)
)
Serial No.:	10/511,911) Art Unit
) 3763
Filed:	August 18, 2005)
)
Confirmation No.:	4306)
)
For:	BALLOON CATHETER)
)
Examiner:	Victoria P. Campbell)
)
Customer No.:	57360)

AMENDMENT “F” AND RESPONSE UNDER 37 C.F.R. § 1.116

VIA eFILE RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed June 12, 2009, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A balloon catheter comprising:

a catheter shaft having a distal end, an inflatable balloon disposed on the distal end, a proximal end coupled to a connecting piece, a guiding wire lumen extending between the proximal and distal ends, and an inflation lumen extending from the connecting piece to the inflatable balloon,

wherein the guiding wire lumen comprises a pipe having coupled proximal and distal portions disposed substantially concentrically within the catheter shaft,

wherein the proximal and distal portions are each made of a solid material, the material of the proximal portion being more rigid than the material of the distal portion,

wherein a transitional portion between the proximal and distal portions of the pipe is provided with kink protection at least partially overlapping and being connected to the proximal and distal portions of the pipe to prevent substantial longitudinal separation between the proximal and distal portions, and

wherein the inflation lumen is defined by an annulus between an exterior of the pipe and an interior surface of the catheter shaft.

2.-3. (Canceled).

4. (Previously Presented) The balloon catheter according to claim 1, wherein the proximal portion comprises a metallic material and the distal portion comprises a plastic material.

5. (Previously Presented) The balloon catheter according to claim 1, wherein the transitional portion comprises the abutting ends of the proximal and distal portions.